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- (71) Applicant (*for all designated States except US*): **EN-PHARMA L.P.** [—/—]; Clarendon House, 2 Church Street, Hamilton, HM 11 (BM).
- (72) Inventors; and
- (75) Inventors/Applicants (*for US only*): **KRANTIS, Anthony** [AU/CA]; 423 Holland Avenue, Ottawa, Ontario K1Y 0Z3 (CA). **DURST, Tony** [CA/CA]; 1956 Sharel Dr., Ottawa, Ontario K1H 6W2 (CA).
- (74) Agent: **MBM & CO.**; P.O. Box 809, Station B, Ottawa, Ontario K1P 5P9 (US).
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(54) Title: **METHODS AND COMPOSITIONS FOR REGULATING GUT MOTILITY AND FOOD INTAKE**

(57) Abstract: Methods and compositions for regulating gut motility and food intake are described. Such compositions and methods may be used to treat obesity or to stimulate weight gain. Preferred compounds for controlling food intake are DON (4-deoxynivalenol) and derivatives thereof. Novel DON derivatives are also disclosed.

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